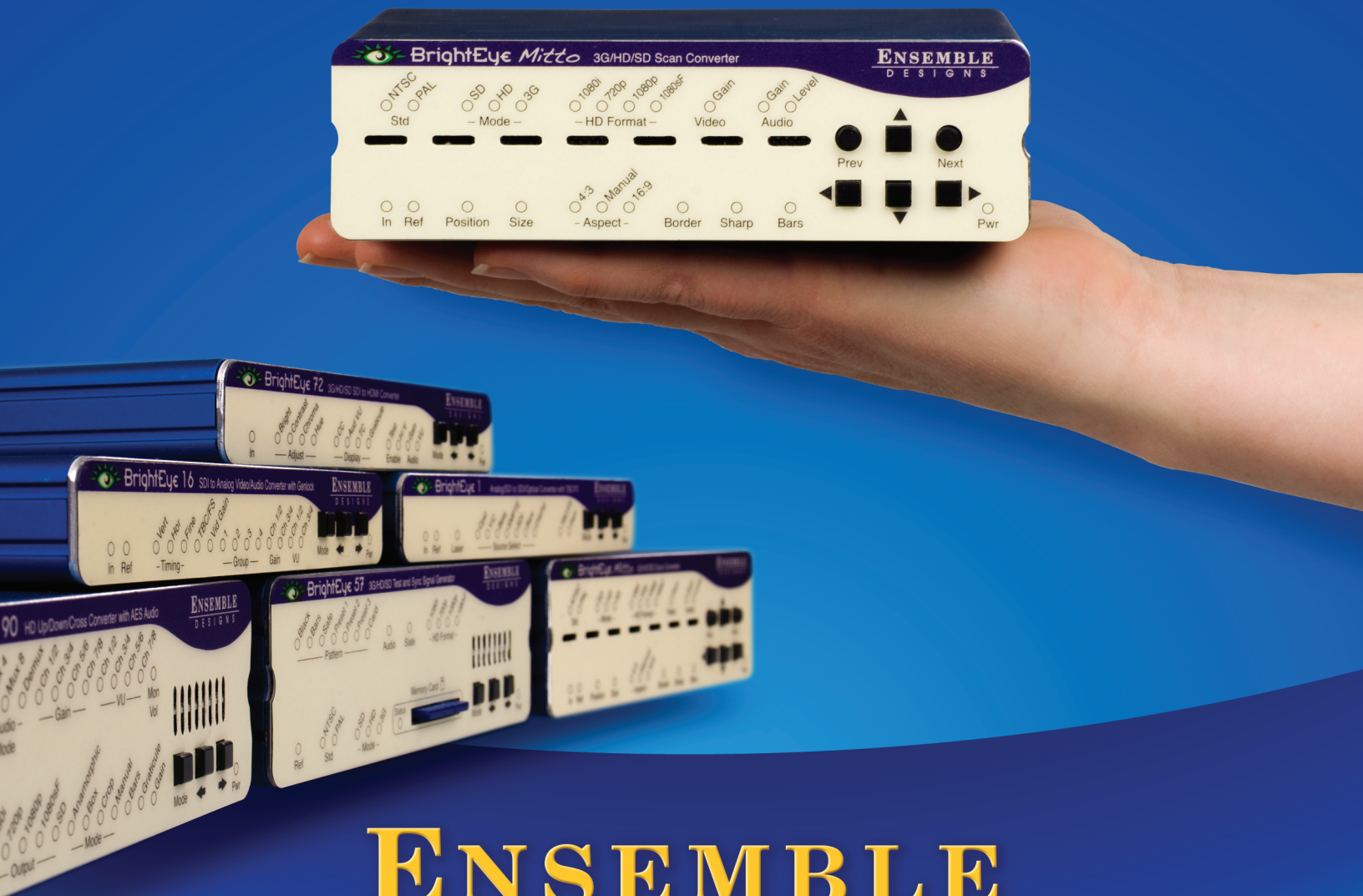
2010

BrightEye™

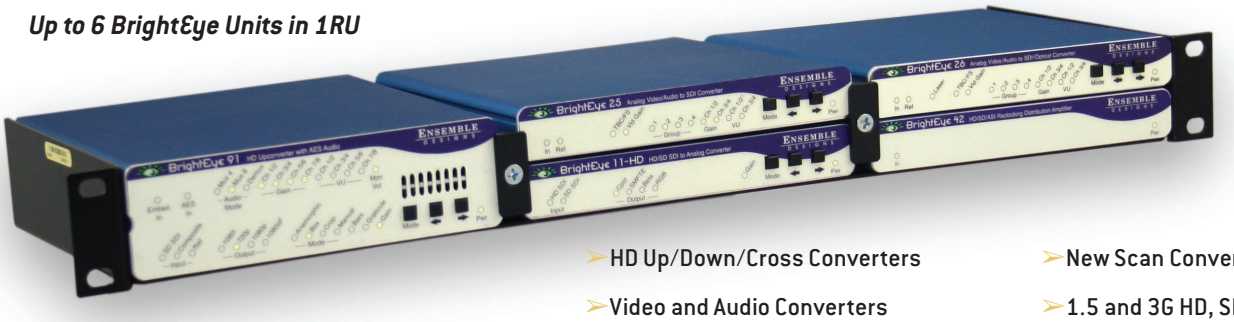
Compact Video, Audio and Optical Converters



ENSEMBLE DESIGNS

Purveyors of Fine Video Gear — Loved By Engineers Worldwide

Up to 6 BrightEye Units in 1RU



- HD Up/Down/Cross Converters
- Video and Audio Converters
- TBCs and Frame Syncs
- Embedders/Disembedders
- Sync Pulse and Test Pattern Generators
- New Scan Converter
- 1.5 and 3G HD, SD, Audio, Optical, HDMI
- Small! 5.7" x 0.8 x 5.5 / 143mm x 20 x 140 or 5.7" x 1.7 x 5.5 / 143mm x 40 x 140
- 5 Year Warranty

Compact Video, Audio and Optical Converters

Over 50 Units to Choose From

The BrightEye™ line of compact converters from Ensemble Designs is a complete conversion solution. With over 50 different BrightEye units to choose from, you'll find the right unit for your video processing needs. These self-contained converters interface to a full range of video formats: high definition and standard definition SDI, 3 Gb/s, analog component, analog composite, and Y/C (S-Video). Analog audio and AES digital audio converters and embedders round out the BrightEye family. Additionally, with fiber optic I/O choices, BrightEye can take you farther than any ordinary converter.

Proven and Reliable

Whether you're upconverting analog video to HD for a projection system, converting a camera feed to fiber in an arena, or feeding HD Tri-Level Sync to a non-linear editor, BrightEye is there to help. With their multi-format inputs and outputs, BrightEye converters are the flexible and cost-effective answer to any conversion requirement. BrightEye's easy configuration interface and signal status indicators make it simple to install and troubleshoot a system.

A Complete 3G Signal Chain

For facilities and manufacturers using 3 Gb/s video, BrightEye units can be combined to form a complete 3G signal chain. From test generation to distribution to monitoring, BrightEye units handle 3G.

Used Worldwide

Their compact size lets you put conversion right where it's needed: in a remote truck, on a helicopter, in a production, or in a TV station. Reliable and easy to install, these units make your transition to HD simple. And they're affordable too!

BEPS

.26 kg

BEPS6

.37 kg

.34 kg

Order Info

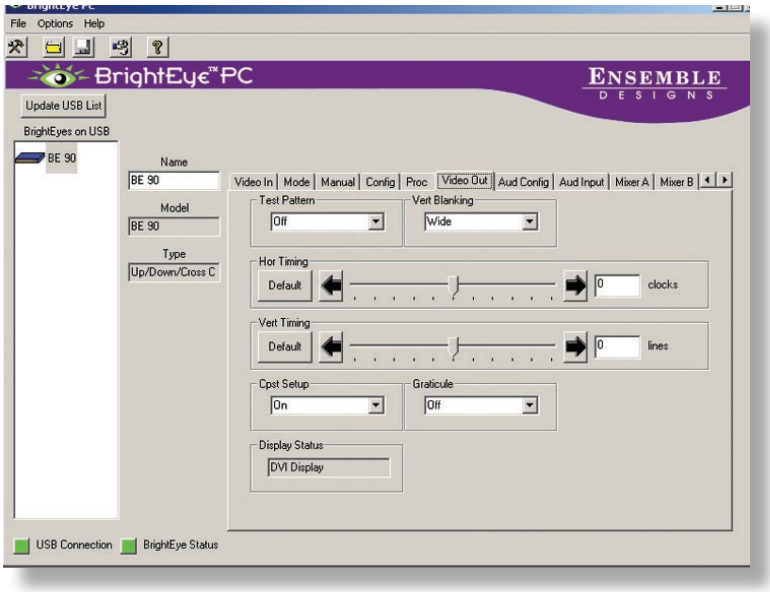
BEPS	BrightEye Individual Power Supply
BEPS6	Spider Power Supply powers 6 single high BrightEyes or 3 double high BrightEyes (BrightEye 90 family)
BEPS6-RP	Redundant Power Supply for Spider
BERKMT	BrightEye™ Rack Mount (holds 3 to 6 BrightEyes) 1RU. 6"/152.4 mm deep, 3 lbs/1.4 kg
BEBP	BrightEye Blank Panel (single high, for empty slots in Rack Mount)
BEAC	Analog Audio Breakout Cable with pigtail end
PHX15	Breakout Adaptor with Phoenix Terminals

Additional Control with BrightEye Mac and PC Software

BrightEye Mac and PC software

Adjusting video levels, output timing and mixing audio channels are so easy with BrightEye control software. No DIP switches or button hold-downs are needed. Use BrightEye Mac or PC software to control a single BrightEye unit or any number of units connected to a USB hub. Additionally, you can use it to upgrade BrightEye units as new software versions become available. BrightEye Mac and PC software are included with each unit at no charge.

PC Screen Shot



Mac Screen Shot

BrightEye Mitto

3G / HD / SD Scan Converter

YouTube™ Video to Air Made Simple

BrightEye Mitto™ is a high performance scan converter that supports SD, HD and 3G video signals. For broadcasters who find they are relying on video content from the web, BrightEye Mitto offers the best way to take computer video to air. Video that once seemed constrained by your computer desktop can now be used for the most demanding broadcast and display applications.

Exclusive Filtering and Scaling Technology

A superior quality scan converter, BrightEye Mitto has the advantage of proprietary scaling technology and exclusive multi-tap filtering. The region selected for output determines if Mitto acts as an upconverter or downconverter. The filters automatically adjust in accordance with the conversion being performed.

Bringing progressive images from the desktop into the interlaced world of video used to be a compromise between sharp details versus interfield flicker. Mitto's advanced filtering satisfies both of these seemingly contradictory requirements. The result is that the output looks as good, or better, than the original and passes the most stringent testing.

Digital and Analog Video and Audio

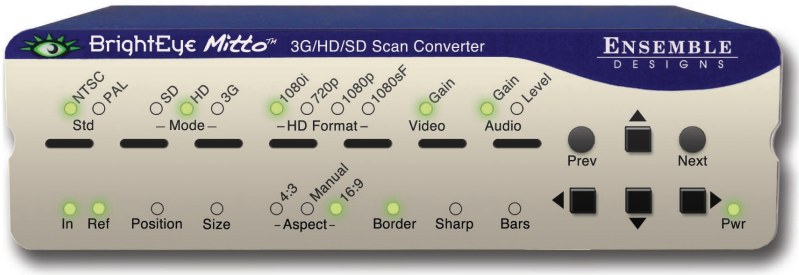
The intuitive front panel interface makes it easy to choose the desired video output format. Choices are 1.5 and 3 Gb/s HD SDI and SD SDI. Composite video is simultaneously output on a separate BNC. The genlock reference input allows the video outputs to be timed to house.

The audio input accepts either AES digital audio or analog audio. Audio is embedded into the SDI outputs which is required for many high-end applications.

Easy To Use

BrightEye PC and BrightEye Mac software let you simply use your mouse to click and drag over the specific portion of computer video that you want to output. The beauty of this user interface is that you can see which parts of the screen you don't want to output, as well as the parts you do want to use. The perspective of seeing the whole screen gives you the ability to choose exactly which portion of the video you want to output. It's easy to output the entire screen or just a selected portion.

From the software you also have complete and intuitive control of timing, video format, and video level adjustments. You can easily time BrightEye Mitto into a production switcher or router. Plus, presets enable you to store your favorite settings.



Use Your Mouse To Select What Will Be Output to Video

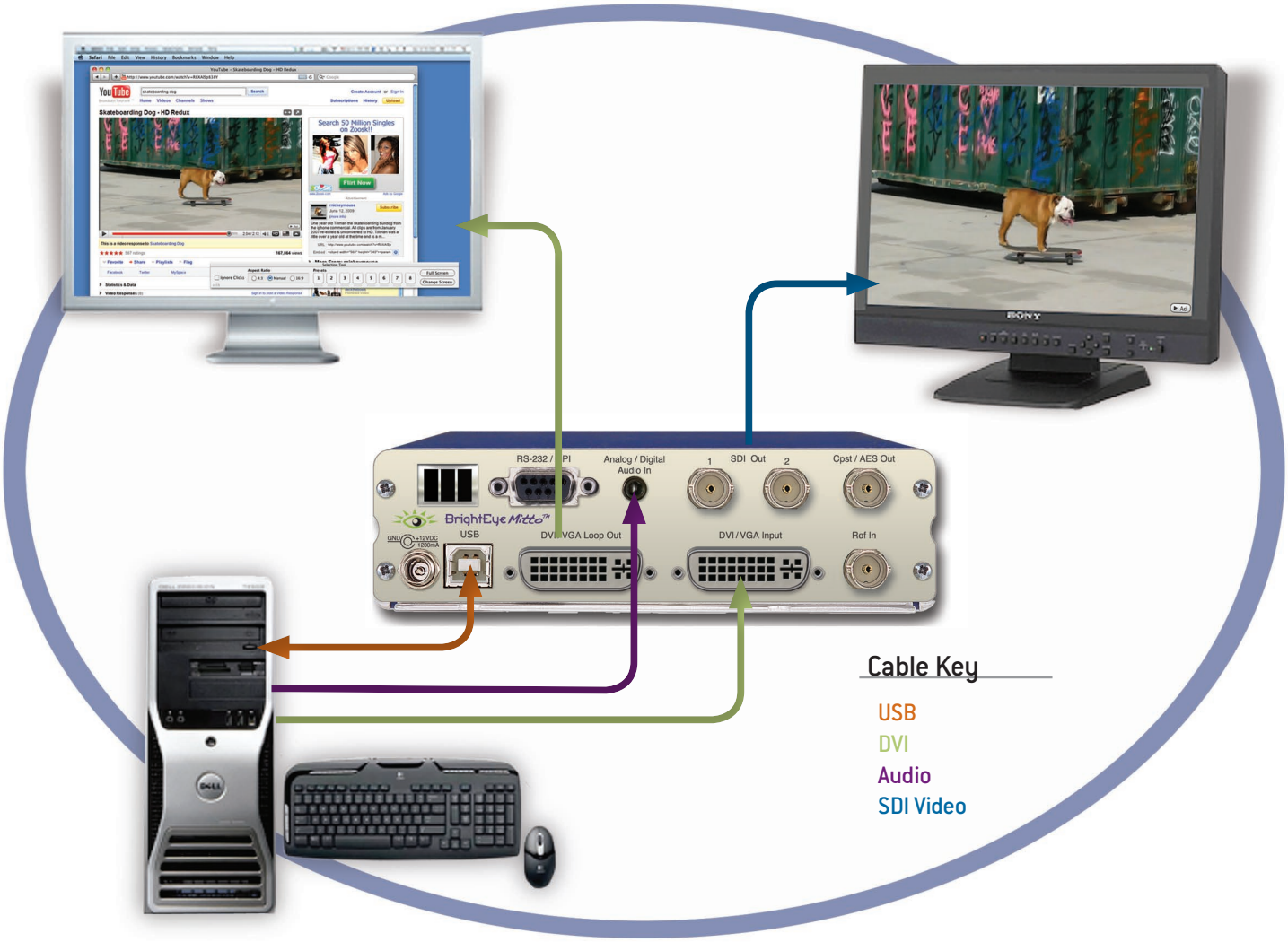
BrightEye PC/Mac software runs overtop of any video, website or software. The Selection Tool shows up as a black box around your selection and shows the portion of the video that will be output from BrightEye Mitto.

Resize the selection window by clicking and dragging with your mouse. Mitto's video output automatically goes to pillar box or letter box as needed. Mitto maintains perfect aspect ratio.

Mitto Defined:

Comes from the Latin root for ***transmit*** or ***send***

It's also the root word of ***uncompromising***



- High Performance Scan Converter Analog and SD SDI Input
- Best way to bring YouTube™, Skype™, weather radar, video and viewer emails to video for use on-air
- Proprietary Scaling and Multi-tap Filtering System Provides Maximum Detail, Flicker-free Video Output
- Intuitive Front Panel Controls
- Easy-to-use Mac and PC User Interface
- Outputs 1.5 and 3 Gb/s HD, SD SDI and Composite Video
- DVI I/O, VGA and HDMI Support with an Adaptor
- Analog Audio and AES Digital Audio Input
- Use a Mouse to Select What Part of the Video You Want to Output
- Easily Adjust Video Parameters and Select Video Output Format
- Genlock and Time to House Reference, Fully Timeable
- Rackmountable
- Memory Presets for Your Favorite Settings
- 5-year Warranty and Free Software Upgrades

HD Up / Down / Cross Converters

BrightEye 90
Up/Down/Cross Converter and ARC with AES Audio

BrightEye 90 is a reliable up/down/cross converter or aspect ratio converter for use with analog and digital video signals.

Simply set the BrightEye 90 to output your facility's preferred HD or SD standard. The BrightEye 90 will accommodate whatever input you connect - analog composite, SD SDI or HD SDI. After setting the output standard, BrightEye 90 automatically converts the selected input to the correct standard for your facility. BrightEye 90 will upconvert, downconvert, cross convert, or act as an ARC, as needed. The built-in Frame Synchronizer allows you to feed asynchronous signals to the BrightEye 90. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed.

Upconverting to High Definition

Feed the analog composite or SD SDI output of a camera to a BrightEye 90 and upconvert to HD. You can take the HD signal from the BrightEye 90 into a switcher or projection system. Upconverting existing SD equipment lets you leverage the equipment you already have and operate in the HD domain.

While some cameras may have firewire out, using the video output and upconverting before distribution is preferable since longer cable runs can be achieved and quality is superior. Additionally, the BrightEye 90's reference input allows you to time the upconverted video output for use with a production switcher.

Downconverting to Standard Definition

BrightEye 90 will downconvert any type of HD signal and provides both an SD SDI and an analog composite output suitable for broadcast or monitoring.

Cross Conversion

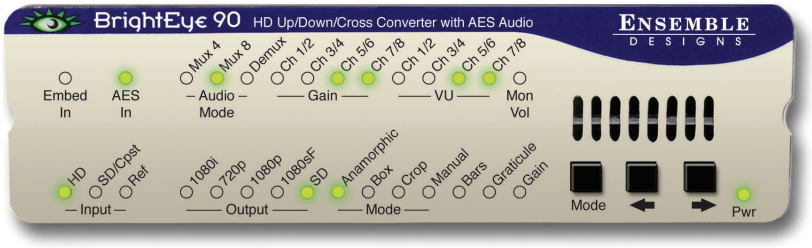
It's easy to convert between various HD standards, whether 720p or 1080i. Simply select the output standard you need and connect the input – that's all there is to it.

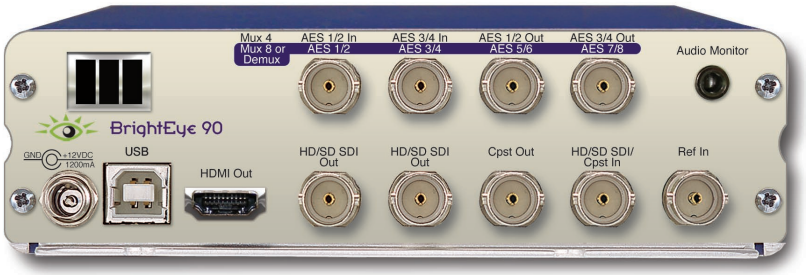
Aspect Ratio Conversion

For converting between SD 4:3 and HD 16:9, BrightEye 90 has you covered. Just select the output standard you need and connect the input.

Audio Processing Made Simple

BrightEye 90 handles both embedded audio and discrete AES digital audio streams. Sixteen channels of embedded audio are supported in BrightEye 90. If the incoming video has embedded audio, the audio will be safely bypassed around the video processing and lipsync will be preserved. Audio mixing is available for two of the four embedded groups of audio. The AES I/O ports can be configured for eight channels of incoming audio or for eight channels of audio output. The audio mixer can be used for AES channels as well. Mixer controls are accessed through BrightEye Mac or PC software.





Monitoring for Video and Audio

Audio monitoring is easy with BrightEye 90's convenient 3.5 mm mini jack. Select the audio channels you want to monitor from the front panel and plug in a headset.

The HDMI connector on the rear of the unit provides a future proof monitoring interface. Plug it into most LCD monitors for confidence monitoring of your feed.

Front Panel and Software Control

Input selection, gain control, and test pattern controls are provided through the front panel interface. Audio presence LEDs indicate which channels are detected. Controls for crop, letterbox and pillarbox are accessed from the front panel or BrightEye Mac or PC software. Video and audio levels and the audio mixer can be adjusted through BrightEye Mac or PC software.

- Use with Cameras and Projection Systems
- Turn Analog Camera into Digital HD Source
- HD and SD Digital and Analog Composite Video I/O
- AES Digital Audio I/O
- Analog Audio Monitor Output
- Mirror Output Mode for On-Camera Talent
- Graticule and Safe Title Generator
- HDMI Output for Monitoring
- Frame Sync
- 12 and 16 Bit Processing
- Passes Embedded Audio

Perfect for Your Facility

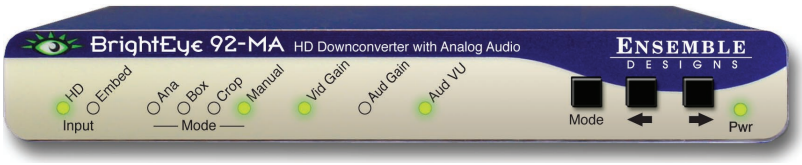
Here are a variety of versatile up/down/cross converters and aspect ratio converters with your choice of analog and digital video and audio I/O. Choose the one that fits your application, whether its upconverting a camera feed and bringing into a router or monitoring an HD server.

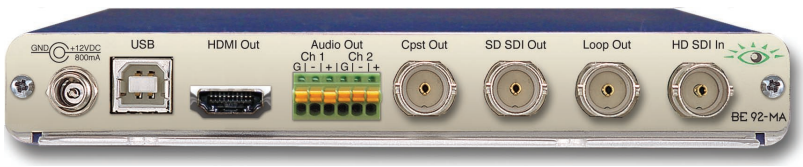
BrightEye 90	HD Up / Down / Cross Converter and ARC with AES Audio
BrightEye 90-A	HD Up / Down / Cross Converter and ARC with Analog Audio
BrightEye 90-F	HD Up / Down / Cross Converter and ARC with AES Audio and Optical Output
BrightEye 90-FA	HD Up / Down / Cross Converter and ARC with Analog Audio and Optical Output
BrightEye 91	HD Upconverter with AES Audio .
BrightEye 91-A	HD Upconverter with Analog Audio
BrightEye 92-A	HD Downconverter with Analog Audio
BrightEye 92-M	HD Downconverter
BrightEye 92-MA	HD Downconverter with Analog Audio
BrightEye 93	HD Cross Converter
BrightEye 94	SD Aspect Ratio Converter

BrightEye 92-MA

HD Downconverter with Analog Audio

BrightEye 92-MA will downconvert any type of 1.5 Gb/s HD signal and provide both an SD SDI output and an analog composite output that are suitable for broadcast or monitoring. Two channels of analog audio out are also provided.





- Downconversion for Monitoring or Broadcast
- SD Digital and Analog Composite Video Outputs
- Analog Audio Outputs
- HDMI Output for Monitoring
- Frame Sync
- 12 and 16 Bit Processing
- Passes Embedded Audio

Analog to Digital Converters

- BrightEye 1 — Analog / SD SDI to SD SDI / Optical Converter with TBC and Frame Sync
- BrightEye 2 — Analog to SD SDI Converter
- BrightEye 3 — Analog to SD SDI Converter with TBC and Frame Sync
- BrightEye 25 — Analog Video / Audio to SD SDI Converter with TBC and Embedder
- BrightEye 26 — Analog Video / Audio to SD SDI / Optical Converter with TBC and Embedder
- BrightEye 75 — HD / SD Analog to Digital Video Converter
- BrightEye 76 — HD / SD Analog to Digital Video Converter with Optical Out

Digital to Analog Converters

- BrightEye 11 — SD SDI to Analog Converter
- BrightEye 11-HD — HD / SD SDI to Analog Converter
- BrightEye 15 — SD SDI to Analog Converter with Frame Sync / Genlock
- BrightEye 16 — SD SDI to Analog Converter with Frame Sync / Genlock and Audio Disembedder

BrightEye 75

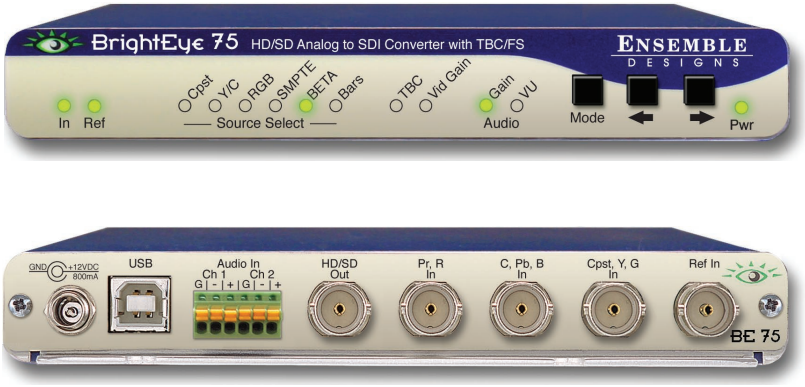
HD / SD Analog to Digital Video Converter

BrightEye 75 is an analog video to digital converter and audio embedder. Standard definition component or composite, or high definition analog component video is accepted on the input BNCs. Two channels of analog audio are input on a plugable Phoenix connector.

This unit is perfect for use with HD cameras or other devices with analog I/O. The digital output will carry the full, un-compressed input, synchronous to a genlock reference. You can turn a hand-held HD camera into a digital source. A three camera, live studio suddenly becomes affordable.

The built-in TBC/Frame Synchronizer allows you to feed asynchronous or noisy signals to the BrightEye 75. The input is digitized to 12 bits of resolution and time base corrected by a noise tolerant tracking circuit. An external reference input allows genlock to a house reference. Input selection, gain control, and TBC enable is provided through the front panel interface. Video levels can be adjusted through BrightEye Mac or PC software.

The video and audio signals are embedded and presented on a BNC. The output follows the SD or HD input standard.

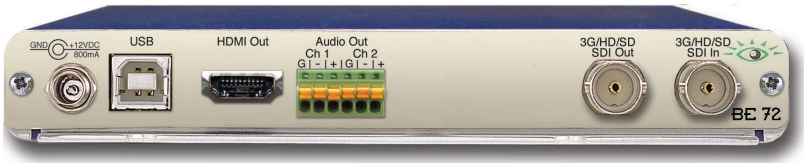


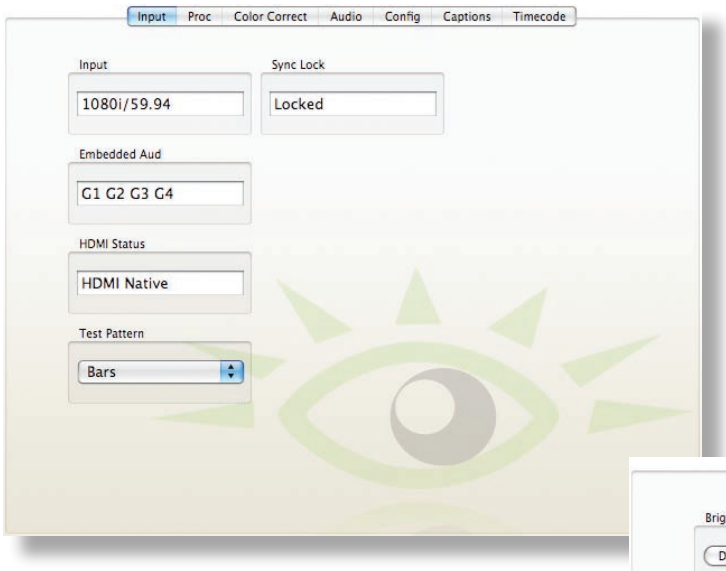
- Use with Analog HD Cameras and Set Top Boxes
- Turn Analog Camera Into Digital HD Source
- HD/SD Analog Inputs
- Analog Audio Inputs
- Serial Digital HD or SD Embedded Output
- TBC and Frame Sync

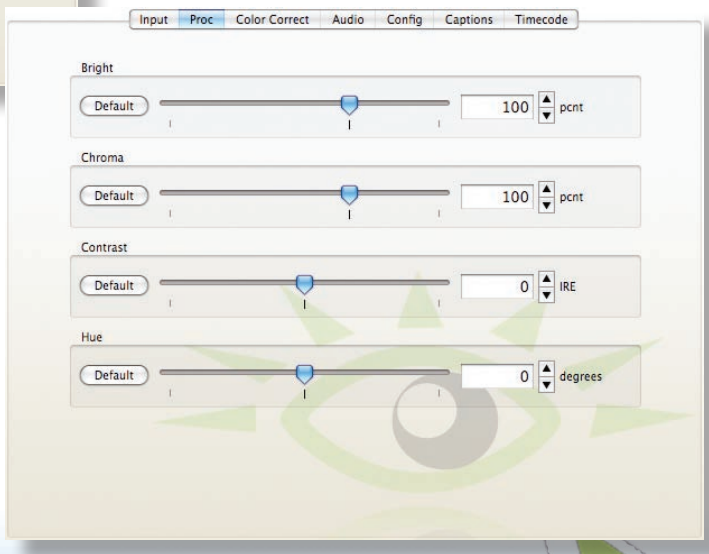
BrightEye 72

3G / HD / SD SDI to HDMI Converter

This video converter goes above and beyond – it displays open captions, time code and audio presence. Combine BrightEye 72 with any HDMI monitor for high-end display applications in broadcast and post. BrightEye 72 accepts an SD, 1.5 Gb/s HD or 3 Gb/s HD SDI digital signal and outputs HDMI.







- Turn Any Monitor into a High-End Broadcast Monitor
- Use with HD or SD Monitors, VTRs and Projectors
- HDMI Output – Monitor Any Digital Feed, Even 3G
- Use with HD or SD SDI Signals
- 3G HD, Level A or Level B Supported
- Caption Decoding - Open Caption Display for 608 and 708 Closed Caption Data
- Color Corrector – Adjust On-Set Monitors
- AFD Indicator
- Timecode Burn In
- On-screen Controls
- Audio Level Meters for 16 Channel Monitoring
- H & V Shift for Easier Trouble Shooting
- Graticule Overlay
- Analog Audio Outputs
- Use in Post with 4:4:4 Material

BrightEye 70

HD/SD AES Embedder / Disembedder

The BrightEye 70 is a dual rate eight channel audio embedder or disembedder for 1.5 Gb/s high definition video signals or for 270 Mb/s standard definition signals. Four AES ports automatically configure as inputs or outputs depending if the module is configured as mux or demux.

When configured as a multiplexer, the BrightEye 70 has one serial digital video input and four AES audio inputs. These four AES streams are embedded into the video stream. AES inputs are sample rate converted, allowing the use of asynchronous audio. The output of the module is a digital stream that contains the original video signal and four AES pairs.

When configured as a demultiplexer, audio signals present in the incoming video signal are extracted and delivered as standard AES digital audio streams.

- Use with Servers, Workstations and Satellite Receivers
- HD/SD Audio Embedder or Disembedder
- 8 Channel Audio Mixing
- Adjustable Delay
- Data Mode for Dolby E and AC-3

There is a BrightEye unit to handle whatever audio processing you may need. Embedders, disembedders, delay and conversion is available for AES digital audio and analog audio. Many units provide mixing control through BrightEye Mac and PC software.

BrightEye 20	Analog Audio / AES Embedder or Disembedder
BrightEye 21	AES / SD SDI Embedder
BrightEye 22	SD SDI / AES Disembedder
BrightEye 23	Analog Audio / SD SDI Embedder
BrightEye 24	SD SDI to Analog Converter and Disembedder
BrightEye 25	Analog Video / Audio to SD SDI Converter with TBC and Embedder
BrightEye 26	Analog Video / Audio to SD SDI / Optical Converter with TBC and Embedder
BrightEye 30	Audio ADC and DAC, Bidirectional
BrightEye 30-D	Audio ADC and DAC, Bidirectional Converter with Delay
BrightEye 70	HD/SD AES Embedder / Disembedder
BrightEye 71	HD / SD 8 Channel Analog Audio Embedder / Disembedder
BrightEye 72	3G / HD / SD SDI to HDMI Converter
BrightEye 73	HD / SD AES Embedder with Optical Out
BrightEye 74	Optical Disembedder with HD / SD Electrical Out
BrightEye 75	HD / SD Analog to Digital Video Converter
BrightEye 76	HD / SD Analog to Digital Video Converter with Optical Out

3 Gb/s High Definition Video

For facilities and manufacturers using 3 Gb/s video, BrightEye units can be combined to form a complete 3G signal chain. The BrightEye 57 test signal generator's 3G output can be distributed through the BrightEye 43 3G distribution amplifier or the BrightEye 46 and BrightEye 48 E/O 3G fiber optical transmitter/receiver set.

Combine BrightEye 72 with any HDMI monitor for high-end display applications in broadcast and post. BrightEye 72 accepts an SD, HD or 3G SDI signal and outputs HDMI along with open captions, time code and audio presence indication.

BrightEye Mitto	3G / HD / SD Scan Converter
BrightEye 43	3G / HD / SD / ASI Distribution Amplifier
BrightEye 46	3G / HD / SD / ASI Electrical to Optical Converter
BrightEye 48	3G / HD / SD / ASI Optical to Electrical Converter
BrightEye 57	3G / HD / SD / Analog Test Signal and Sync Pulse Generator
BrightEye 72	3G / HD / SD SDI to HDMI Converter
BrightEye 81	3G / HD / SD SDI to HDMI Converter
BrightEye 81-F	Optical to HDMI and 3G / HD / SD SDI Electrical Converter
BrightEye 83	HDMI and 3G / HD / SD SDI Converter
BrightEye 83-F	HDMI to Optical and Electrical and 3G / HD / SD SDI Converter

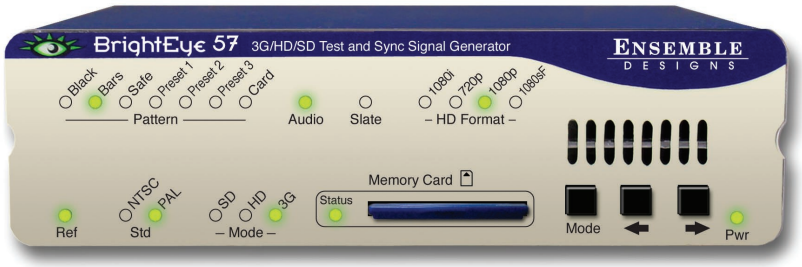
Fiber Optic

BrightEye 1	Analog / SD SDI to SD SDI / Optical Converter with TBC and Frame Sync
BrightEye 10	Analog to SD SDI Converter with TBC and Frame Sync
BrightEye 26	Analog Video / Audio to SD SDI / Optical Converter with TBC and Embedder
BrightEye 45	HD / SD / ASI Electrical to Optical Converter
BrightEye 46	3G / HD / SD / ASI Electrical to Optical Converter
BrightEye 47	HD / SD / ASI Optical to Electrical Converter
BrightEye 48	3G / HD / SD / ASI Optical to Electrical Converter
BrightEye 73	HD / SD AES Embedder with Optical Out
BrightEye 74	Optical Disembedder with HD / SD Electrical Out
BrightEye 76	HD / SD Analog to Digital Video Converter with Optical Out
BrightEye 81-F	Optical to HDMI and 3G / HD / SD SDI Electrical Converter
BrightEye 83-F	HDMI to Optical and Electrical and 3G / HD / SD SDI Converter
BrightEye 90-F	HD Up / Down / Cross Converter and ARC with AES Audio and Optical Output
BrightEye 90-FA	HD Up / Down / Cross Converter and ARC with Analog Audio and Optical Output

BrightEye 57

3G / HD / SD / Analog Test Signal and Sync Pulse Generator

BrightEye 57 is a genlockable sync generator and test signal generator that can be used as either a slave or master reference generator. It can lock to house reference or it can lock to its own internal precision standard. BrightEye 57 is well suited for remote trucks, post, helicopters and fly packs.



1.5 Gb/s HD, 3 Gb/s HD or SD SDI test signals or black with embedded audio is output on the SDI BNCs. 3G Level A and Level B are supported. Composite, HD Tri-level Sync and AES digital audio outputs are also provided. There are three user programmable outputs that are selectable between AES, LTC, Wordclock or 6 Hz Pulse. Analog audio and AES outputs provide tone or silence.

Color Black, Bars, Crosshatch, Multi-burst, and SDI Checkfield (Pathogenic) are just some of the signals simultaneously available on the SDI and analog composite outputs. The Cyclops feature adds a motion element to the selected video test signal. An ID slate with user programmable text can overlay the test pattern.

The internal Time Code Generator feeds DVITC on the SD SDI outputs and VITC on the composite outputs, Time Code can also be selected in LTC form on the programmable Aux outputs.

In addition to the standard suite of test patterns, users can create custom test patterns on a computer. Simply transfer test patterns to the included Secure Digital flash memory card and then insert the memory card into the front of the BrightEye 57. Test patterns can include motion and an associated audio clip such as voice over or station ID.

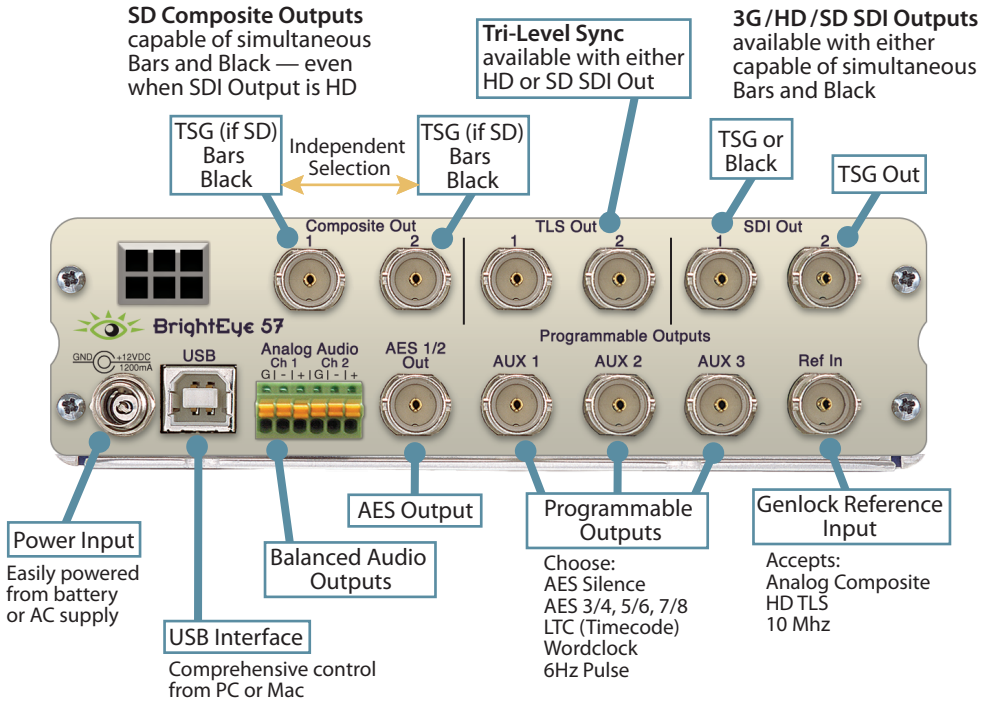
Many controls can be adjusted through the intuitive front panel. BrightEye Mac and PC software provide a complete user interface for all adjustments and controls.

For facilities and manufacturers using 3 Gb/s video, BrightEye units can be combined to form a complete 3G signal chain. The BrightEye 57 test signal generator's 3G output can be distributed through the BrightEye 43 3G distribution amplifier or the BrightEye 46 and BrightEye 48 E/O 3G fiber optical transmitter/receiver set.

- Master or Slave Reference Generator for All Video and Audio Gear
- Composite, HD SDI, SD SDI, Tri-Level Outputs
- 3 Gb/s HD, Level A and Level B supported
- 30+ HD and SD Test Signals
- Create Your Own Test Patterns, Transfer Via Secure Digital Flash Memory
- Generates Closed Caption Test Signal to Assist with CC Compliance
- Sync Pulse Generator
- Time Code Generator
- Analog, AES and Embedded Audio Outputs

BrightEye Sync Pulse and Test Pattern Generators are rugged and reliable enough for use in news helicopters and ships. They are excellent for flight packs and desktop too. They provide the critical reference signs needed in every video facility.

- BrightEye 54 — Sync Generator and Test Signal Generator
- BrightEye 55 — Genlockable Sync Generator and Test Signal Generator
- BrightEye 56 — HD / SD / Analog Test Signal and Sync Pulse Generator
- BrightEye 57 — 3G / HD / SD / Analog Test Signal and Sync Pulse Generator



Distribution Amplifiers

- BrightEye 33 — Analog Audio Distribution Amplifier
- BrightEye 40 — Reclocking Distribution Amplifier
- BrightEye 41 — Video / AES / Tri-Level Sync Distribution Amplifier
- BrightEye 42 — HD / SD / ASI Distribution Amplifier
- BrightEye 43 — 3G / HD / SD / ASI Distribution Amplifier

The BrightEye™ line of compact converters from Ensemble Designs is a complete conversion solution. What do you need for your facility? There are over 50 units to choose from and if there's something else you need, just give us a call.

	BrightEye Mitto	BrightEye 1	BrightEye 2	BrightEye 3	BrightEye 5	BrightEye 10	BrightEye 11	BrightEye 11-HD	BrightEye 15	BrightEye 16	BrightEye 20	BrightEye 21	BrightEye 22	BrightEye 23	BrightEye 24	BrightEye 25	BrightEye 26	BrightEye 30	BrightEye 30-D	BrightEye 33	BrightEye 40	BrightEye 41	BrightEye 42	BrightEye 43	BrightEye 45
HD SDI In								✦															✦	✦	✦
HD SDI Out	✦							✦															✦	✦	✦
3 Gb/s HD SDI In																								✦	
3 Gb/s HD SDI Out	✦																							✦	
SD SDI In		✦				✦	✦	✦	✦	✦	✦	✦	✦	✦	✦						✦		✦	✦	✦
SD SDI Out	✦	✦	✦	✦			✦	✦			✦	✦	✦	✦		✦	✦				✦		✦	✦	✦
ASI																							✦	✦	✦
Analog Composite In		✦	✦	✦	✦											✦	✦					✦			
Analog Composite Out	✦				✦	✦	✦	✦							✦							✦			
SD Analog Component In		✦	✦	✦																					
SD Analog Component Out						✦	✦	✦																	
HD Analog Component In																									
HD Analog Component Out								✦																	
HDMI In	✦																								
HDMI Out	✦																								
Optical In						✦																			
Optical Out		✦															✦								✦
AES Audio	✦										✦	✦	✦					✦	✦			✦			
Analog Audio	✦									✦	✦			✦	✦	✦	✦	✦	✦						
Mux	✦										✦	✦		✦		✦	✦								
Demux										✦	✦		✦		✦										
Ref In/Timeable Out	✦	✦		✦	✦				✦	✦						✦	✦	✦	✦						
TBC/Frame sync		✦		✦	✦				✦	✦						✦	✦								
Scan Converter	✦																								

	BrightEye 46	BrightEye 47	BrightEye 48	BrightEye 54	BrightEye 55	BrightEye 56	BrightEye 57	BrightEye 70	BrightEye 71	BrightEye 72	BrightEye 73	BrightEye 74	BrightEye 75	BrightEye 76	BrightEye 81	BrightEye 81-F	BrightEye 83	BrightEye 83-F	BrightEye 90	BrightEye 90-A	BrightEye 90-F	BrightEye 90-FA	BrightEye 91	BrightEye 91-A	BrightEye 92-A	BrightEye 92-M	BrightEye 92-MA	BrightEye 93	BrightEye 94
	✦	✦	✦					✦	✦	✦	✦	✦			✦				✦	✦	✦	✦			✦	✦	✦	✦	
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					✦	✦	✦						✦	✦					✦	✦	✦	✦	✦	✦	✦	✦		✦	✦
													✦	✦					✦	✦	✦	✦	✦	✦	✦	✦		✦	✦

Who is Ensemble Designs?

By Engineers, For Engineers

In 1989, a former television station engineer who loved designing and building video equipment, decided to start a new company. He relished the idea of taking an existing group of equipment and adding a few special pieces in order to create an even more elegant ensemble. So, he designed and built his first product and the company was born.

Focused On What You Need

As the company has grown, more former TV station engineers have joined Ensemble Designs and this wealth of practical experience fuels the company's innovation. Everyone at the company is focused on providing the very equipment you need to complete your ensemble of video and audio gear. We offer those special pieces that tie everything together so that when combined, the whole ensemble is exactly what you need.

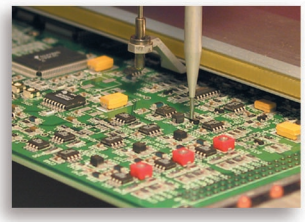
Notably Great Service for You

We listen to you – just tell us what you need and we'll do our best to build it. We are completely focused on you and the equipment you need. Being privately held means we don't have to worry about a big board of directors or anything else that might take attention away from real business. And, you can be sure that when you call a real person will answer the phone. We love this business and we're here to stay.

Bricks and Mortar of Your Facility

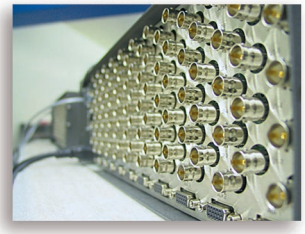
The bricks and mortar of a facility include pieces like up/downconverters, audio embedders, video converters, protection switches and SPGs for SD, HD and 3Gb/s. That's what we're focused on, that's all we do – we make proven and reliable signal processing and infrastructure gear for broadcasters worldwide, for you.

BrightEye — palm sized video and audio conversion, HD up/down conversion, scan conversion, and test signal generators with 3G, HD, SD, ASI video, audio and optical choices.



Everything is made at our factory in Nevada City, California.

Shipped with care to television broadcasters and video facilities all over the world.



And consider our Avenue product line when you need a modular system.

Come on by and visit us.
Drop in for lunch and a tour!

ENSEMBLE DESIGNS
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Due to ongoing product development, all specifications are subject to change.

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